Webquest: Will you help us find them?

**SS3G1 The student will locate major topographical features.**

b. Identify major mountain ranges of the United States of America: Appalachian, Rocky.

Your name is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and you are a well trained hiking and camping scout. A very important research team will have three days to find and gather a special kind of insect whose slime will help with cancer research. This insect only lives in either the Rocky or Appalachian mountain regions. You need to choose one of the regions and plan an expedition. Gather as much information as you can about the mountains terrain such as:

* Highest points and peaks
* Valleys-are there any?
* Total length-how far from end to end in miles.
* States the mountain region passes through
* Countries the mountain region passes through or borders-Canada? Mexico?
* Waterfalls, rivers, lakes-are there any? Name some.
* Trails (name at least two)
* Are there different names for different areas along the mountain region? What is the mountain region called when it passes through\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* What ocean is closes to the mountain region? Atlantic? Pacific?

Show the researchers a picture of the mountain region in which they will be hiking.

What kind of items do you want everyone to pack for a three day expedition? Do they need sleeping bags, tents, food, water, etc.? Will they fish for food? Use your imagination.

What do you think the weather will be like? Will it be rainy, windy, cold, warm or hot?

Add some special or exciting information about the region you chose.

Your information needs to be ready for the team in one month.

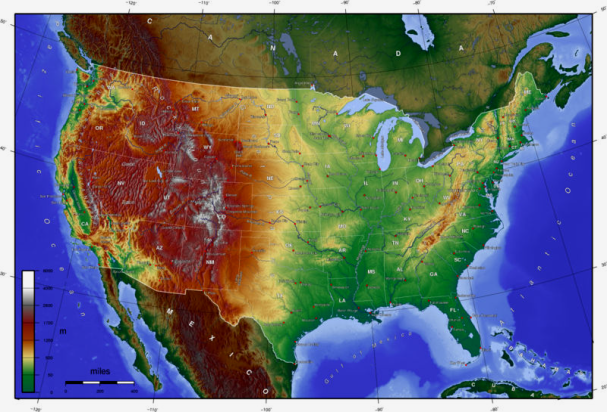
Good luck with the quest.

You can use the following information in your quest.



U.S. MAP SHOWING THE ROCKY AND APPALACHIAN MOUNTAIN REGIONS

<http://www.worldatlas.com/webimage/countrys/nanewlnd.gif>



A US MAP SHOWING MORE DETAIL OF THE MOUNTAIN REGIONS

http://www.cours-univ.fr/carte\_reliefs\_usa.png



<http://cdn-www.trails.com/Cms/images/GlobalPhoto/Articles/8194/367999-main_Full.jpg>



<http://www.hikingbill.com/2009_logs/2009-01-24/033_800.jpg>



A MOUNTAIN PEAK

<http://www.math.montana.edu/~nmp/materials/ess/mountain_environments/intermediate/rocky3.jpg>



A MOUNTAIN TOP

http://www.grist.org/phpThumb/phpThumb.php?src=http://www.grist.org/i/assets/2/mountaintop\_flickr\_farukahmet\_463.jpg&w=307



A MOUNTAIN RIVER

<http://www.edupic.net/Images/Science/little_rockies_river01.jpg>



A STREAM WITH A SMALL WATERFALL

<http://www.rlrouse.com/pic-of-the-day/mountain-stream.jpg>

A VALLEY WITH A LAKE

 A VALLEY IN THE MOUNTAINS

<http://c.photoshelter.com/img-get/I0000I8Ix2KwUAL0/s/750>



A WATERFALL AND A RIVER

<http://www.luminous-landscape.com/images-21/AR16.JPG>



A WATERFALL AND A RIVER

<http://assets.byways.org/asset_files/000/005/630/NYmohawk-CohoesFalls_s.jpg?1258512675>



CATFISH IN A MOUNTAIN STREAM

http://msucares.com/aquaculture/catfish/images/biology.jpg



AN OVERLOOK INTO A VALLEY ON A MOUNTAIN TRAIL <http://billfullerphotography.com/blog/wp-content/uploads/2009/06/114_650_logo.jpg>

 A TRAIL IN THE MOUNTAINS

<http://www.atlantatrails.com/wp-content/uploads/2009/10/P1010754-337x450.jpg>



HIKERS ON A TRAIL HIKE

<http://blueridgemountains.com/images/along_the_appalachian_trail.jpg>



HIKERS AT A TRAIL HEAD OR APPROACH SHOWING HOW FAR FROM THIS POINT TO ONE OF THE OTHER POINTS

http://faithbaptistchurchvaldosta.com/mickeyhike2007/slides/P5210004.JPG

Use the following websites to assist with gathering information.

<http://wiki.answers.com/Q/Compare_the_Rocky_Mountain_with_Appalachian_Mountain>

This website compares both mountain ranges to each other.

<http://traveltips.usatoday.com/rocky-mountain-range-11967.html>

This website has facts about the Rocky Mountains.

<http://www.blueplanetbiomes.org/rocky_mountain.htm>

This website has facts about the Rocky Mountains.

<http://www.blurtit.com/q8116971.html>

This website has pictures, facts and other information about the mountain ranges.

<http://vulcan.wr.usgs.gov/LivingWith/VolcanicPast/Places/volcanic_past_appalachians.html>

This website has information about the Appalachian Mountains.

<http://www.britannica.com/EBchecked/topic/30353/Appalachian-Mountains>

This website has facts about the Appalachian Mountains.

<http://wiki.answers.com/Q/Compare_the_Rocky_Mountain_with_Appalachian_Mountain>

This website compares facts about the Rocky and Appalachian mountains.

<http://www.mountainpeaks.net/>

This website has facts about the Rocky and Appalachian mountains.

<http://search.edhelper.com/cgi-bin/ednet.cgi>

This website has various activities about the different mountain ranges.

<http://faithbaptistchurchvaldosta.com/mickeyhike2007/slides/P5210004.JPG>

This website has a picture showing hikers in the mountains.

Assessment will be done by a rubric created by the teacher and students.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Beginning** | **Developing** | **Accomplished** | **Score 1-4** |
| **Participation level** | Difficulty staying on task.  No participation with the group.  Did not finish assignment on time. | Able to complete project on time with the required amount of information. | Completed the project on time and added extra information to the product. |  |
| **Creativity** | Did not use any examples or facts. | Correctly used examples and facts in the project.  Added some creativity. | Used examples and facts to relate the lesson objectives.    Added creativity that went well with the facts. |  |
| **Understanding of task** | Difficulty understanding and explaining the task. Did not seek help with the project. | Able to explain the objective with a minimum of one example or fact for each statement. | Explained the objective well with more than two examples for each statement. |  |